Fig. 1a

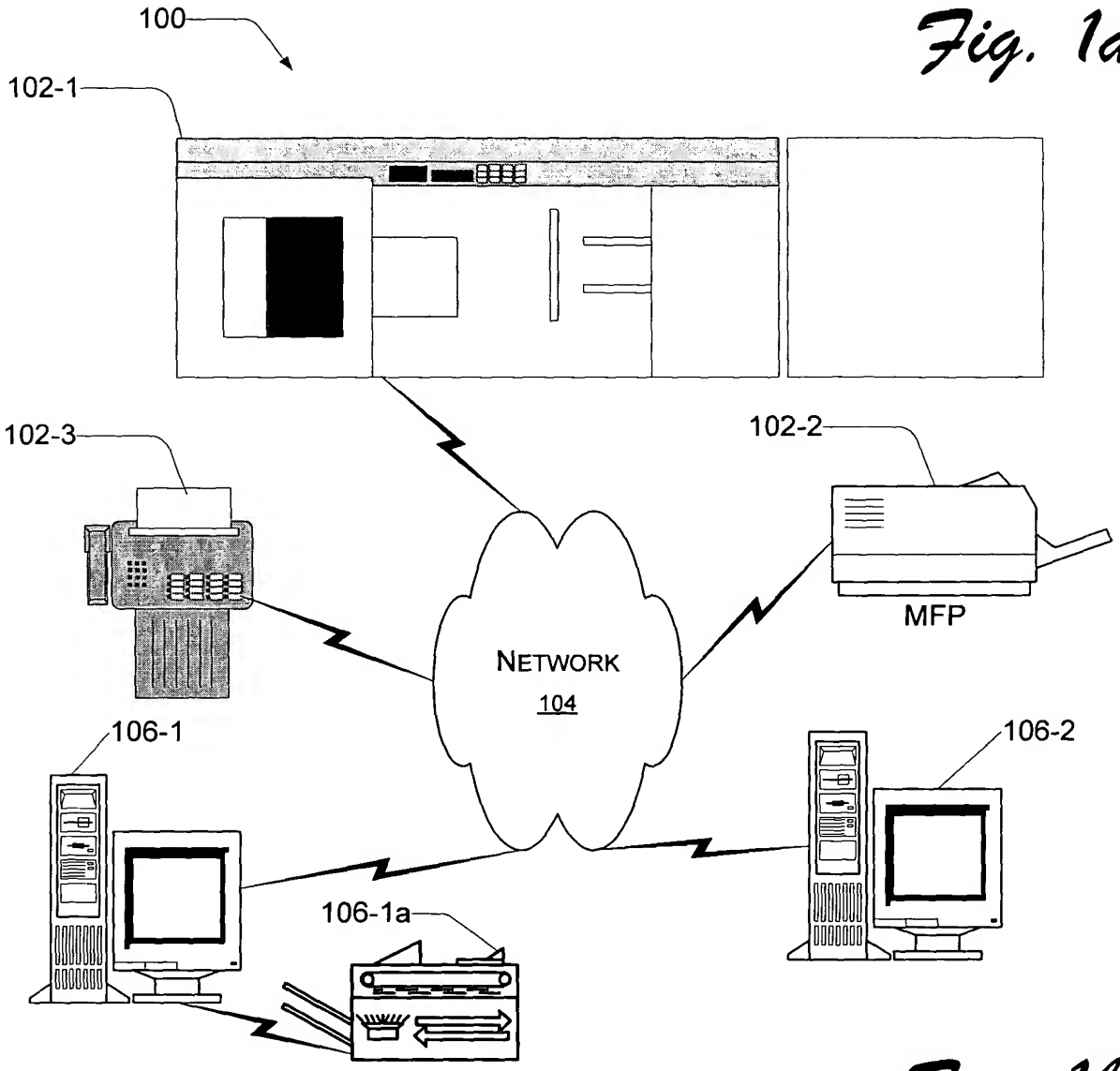

100
102-1
102-3
102-2
MFP
NETWORK
104
106-1
106-2
106-1a

Fig. 1b

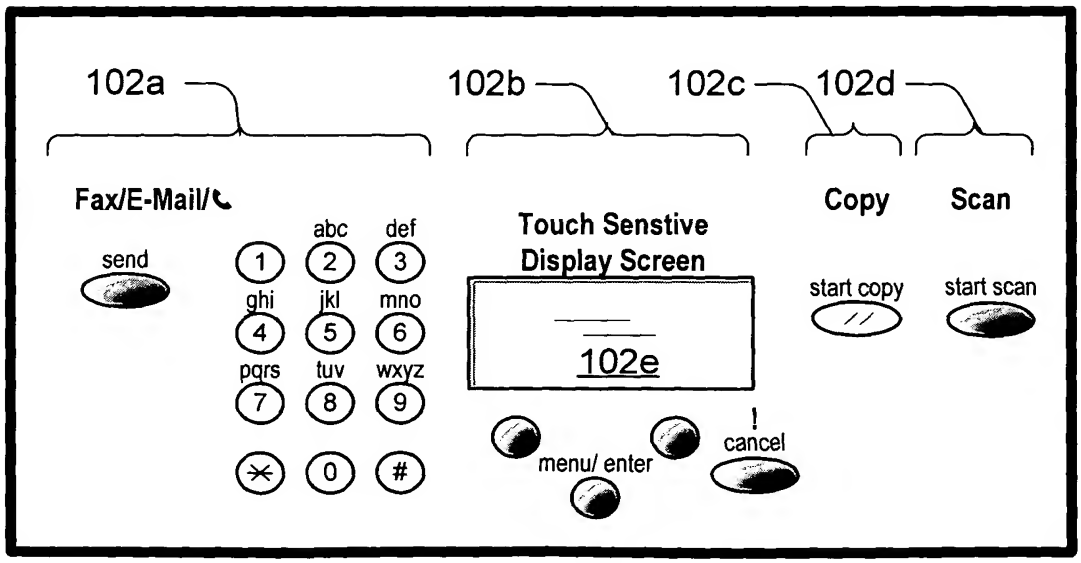

102a
102b
102c
102d
Fax/E-Mail/
send
abc
def
ghi
jkl
mno
pqrs
tuv
wxyz
Touch Senstive
Display Screen
102e
menu/ enter
cancel
Copy
Scan
start copy
start scan

Fig. 2

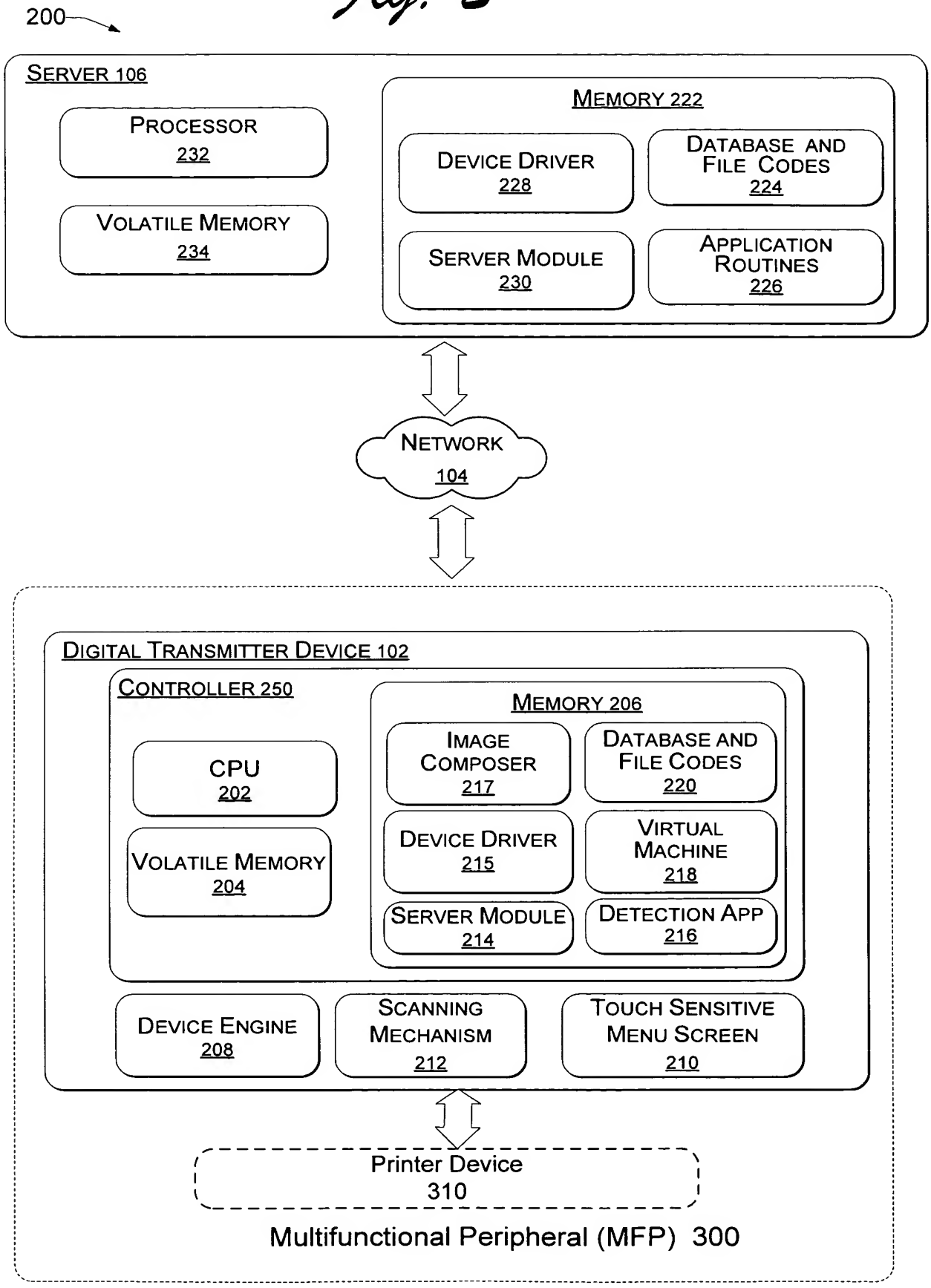

200
SERVER 106
PROCESSOR 232
VOLATILE MEMORY 234
MEMORY 222
DEVICE DRIVER 228
DATABASE AND FILE CODES 224
SERVER MODULE 230
APPLICATION ROUTINES 226
NETWORK 104
DIGITAL TRANSMITTER DEVICE 102
CONTROLLER 250
CPU 202
VOLATILE MEMORY 204
MEMORY 206
IMAGE COMPOSER 217
DATABASE AND FILE CODES 220
DEVICE DRIVER 215
VIRTUAL MACHINE 218
SERVER MODULE 214
DETECTION APP 216
DEVICE ENGINE 208
SCANNING MECHANISM 212
TOUCH SENSITIVE MENU SCREEN 210
Printer Device 310
Multifunctional Peripheral (MFP) 300

Fig. 3

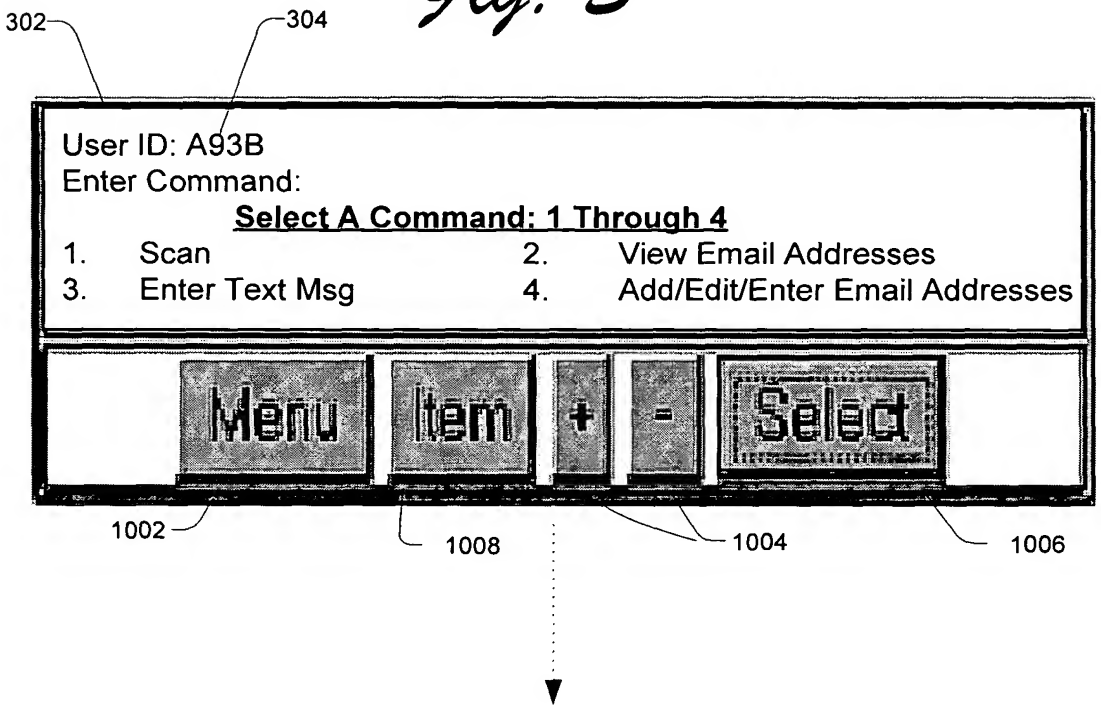


Fig. 4

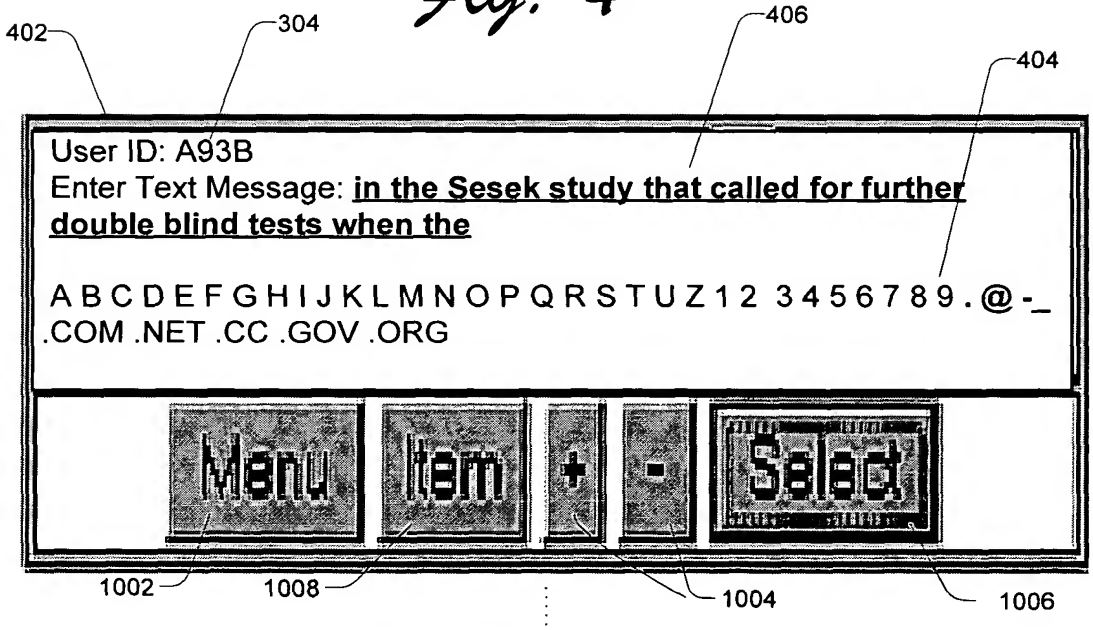


Fig. 6

Fig. 5

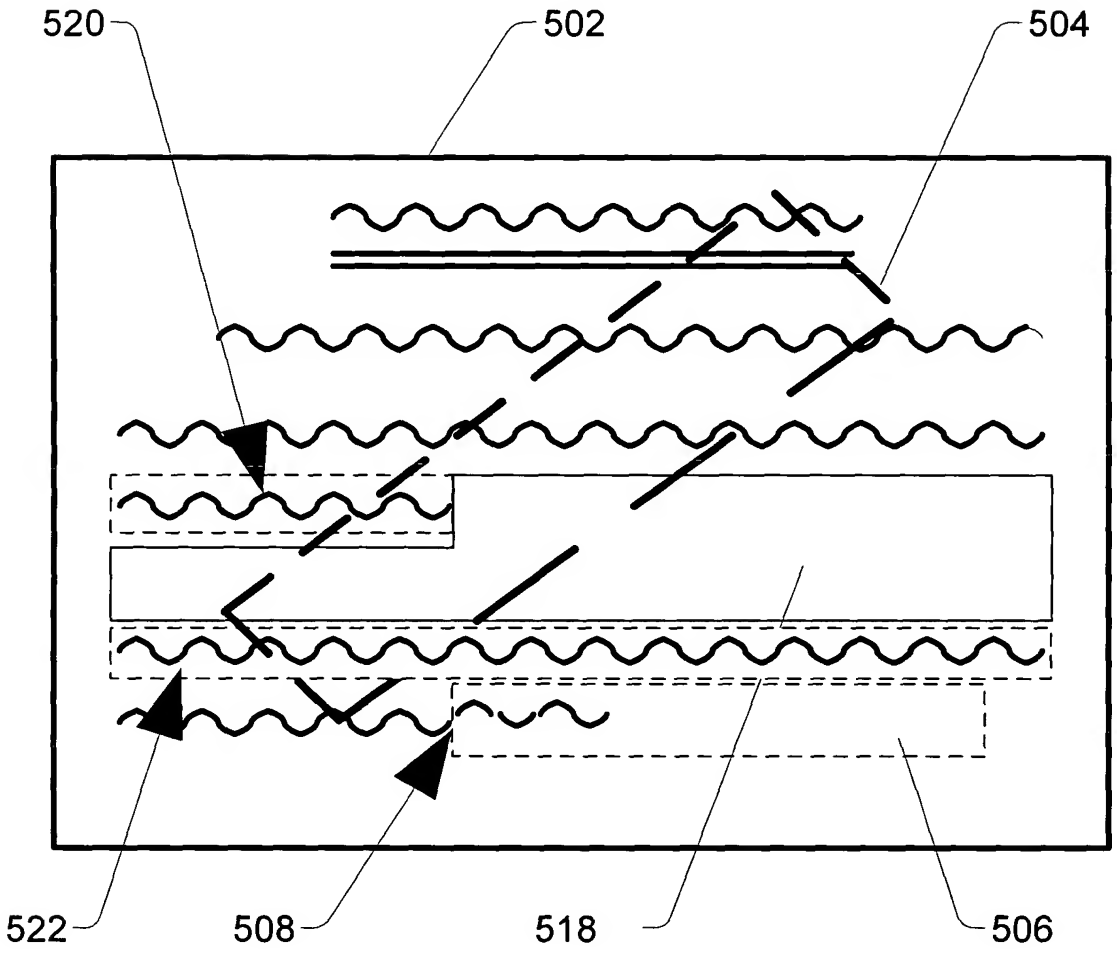


Fig. 4

Fig. 6

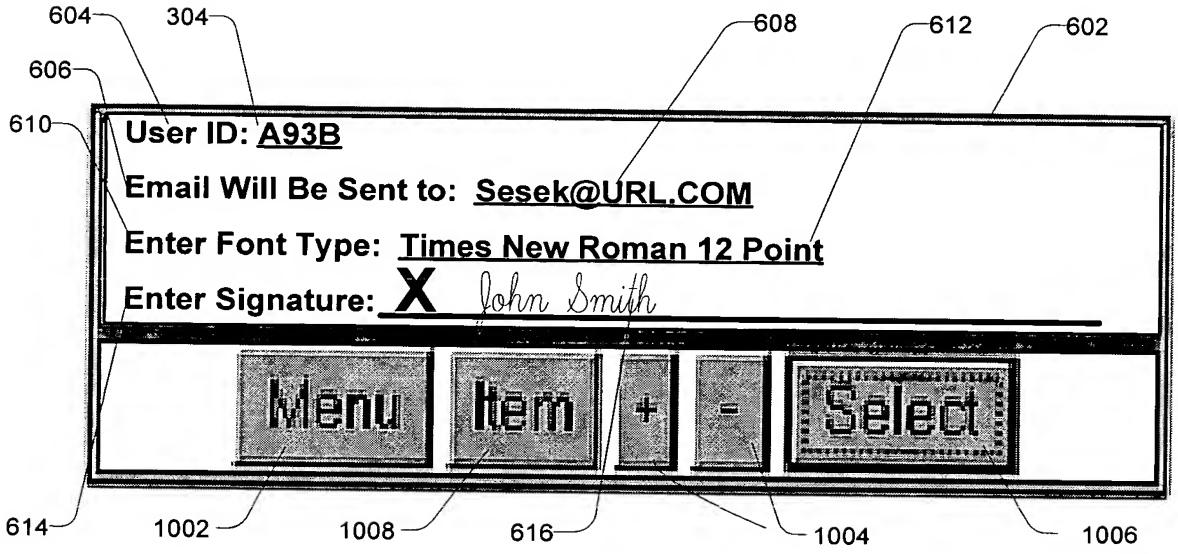

604
304
608
612
602
606
610
User ID: A93B
Email Will Be Sent to: Sesek@URL.COM
Enter Font Type: Times New Roman 12 Point
Enter Signature: X John Smith
Menu
Item
+
-
Select
614
1002
1008
616
1004
1006

Fig. 7

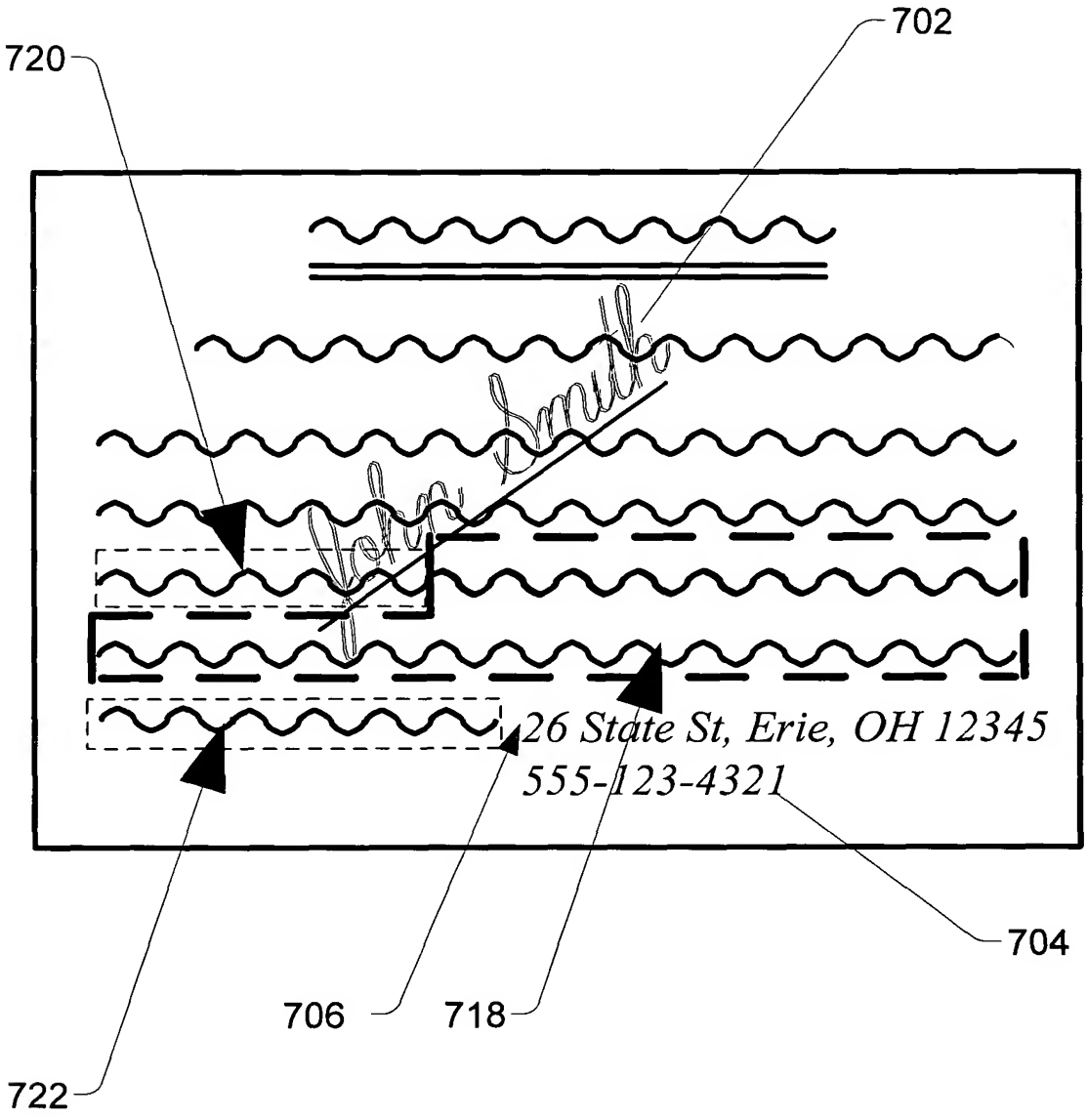

720
702
John Smith
26 State St, Erie, OH 12345
555-123-4321
704
706
718
722

Fig. 8

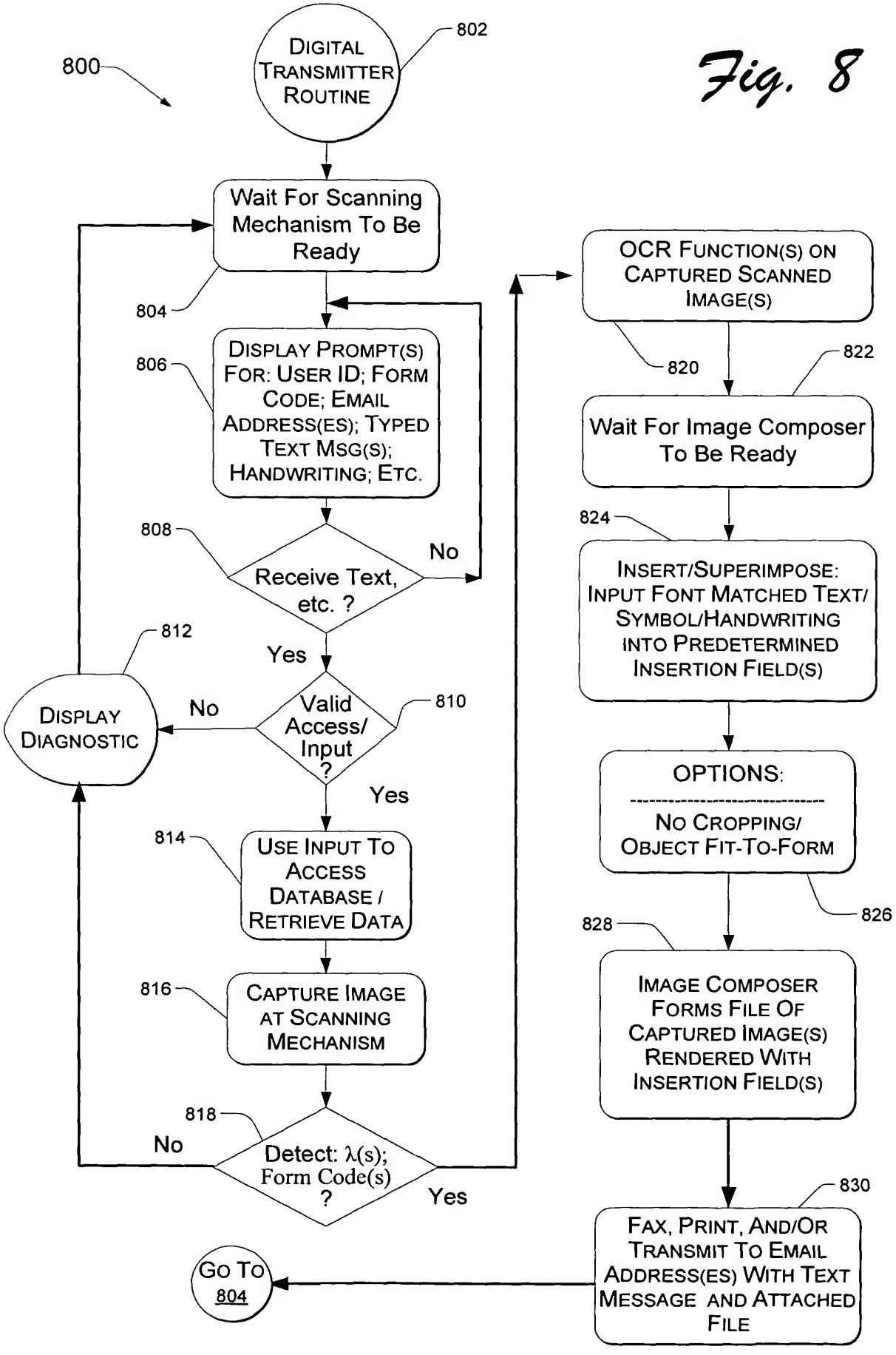
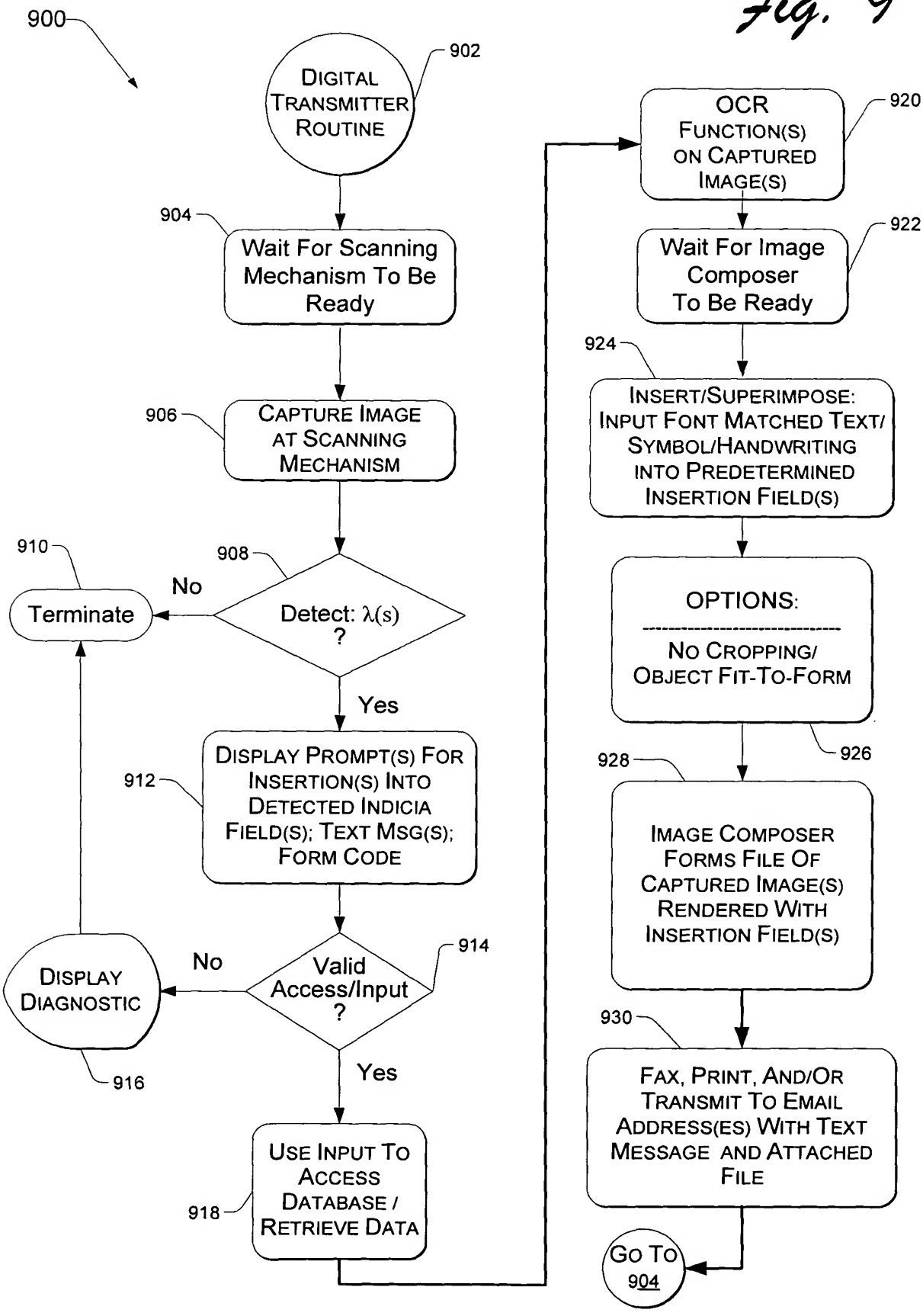

800
DIGITAL TRANSMITTER ROUTINE
802
Wait For Scanning Mechanism To Be Ready
804
DISPLAY PROMPT(S) FOR: USER ID; FORM CODE; EMAIL ADDRESS(ES); TYPED TEXT MSG(S); HANDWRITING; ETC.
806
Receive Text, etc. ?
808
No
Yes
Valid Access/ Input ?
810
No
DISPLAY DIAGNOSTIC
812
Yes
USE INPUT TO ACCESS DATABASE / RETRIEVE DATA
814
CAPTURE IMAGE AT SCANNING MECHANISM
816
Detect: λ(s); Form Code(s) ?
818
No
Yes
GO TO 804
OCR FUNCTION(S) ON CAPTURED SCANNED IMAGE(S)
820
Wait For Image Composer To Be Ready
822
INSERT/SUPERIMPOSE: INPUT FONT MATCHED TEXT/ SYMBOL/HANDWRITING INTO PREDETERMINED INSERTION FIELD(S)
824
OPTIONS:
NO CROPPING/ OBJECT FIT-TO-FORM
826
IMAGE COMPOSER FORMS FILE OF CAPTURED IMAGE(S) RENDERED WITH INSERTION FIELD(S)
828
FAX, PRINT, AND/OR TRANSMIT TO EMAIL ADDRESS(ES) WITH TEXT MESSAGE AND ATTACHED FILE
830

Fig. 9


900
DIGITAL TRANSMITTER ROUTINE
902
Wait For Scanning Mechanism To Be Ready
904
CAPTURE IMAGE AT SCANNING MECHANISM
906
Detect: λ(s) ?
908
No
Terminate
910
Yes
DISPLAY PROMPT(S) FOR INSERTION(S) INTO DETECTED INDICIA FIELD(S); TEXT MSG(S); FORM CODE
912
Valid Access/Input ?
914
No
DISPLAY DIAGNOSTIC
916
Yes
USE INPUT TO ACCESS DATABASE / RETRIEVE DATA
918
OCR FUNCTION(S) ON CAPTURED IMAGE(S)
920
Wait For Image Composer To Be Ready
922
INSERT/SUPERIMPOSE: INPUT FONT MATCHED TEXT/ SYMBOL/HANDWRITING INTO PREDETERMINED INSERTION FIELD(S)
924
OPTIONS:
NO CROPPING/ OBJECT FIT-TO-FORM
926
IMAGE COMPOSER FORMS FILE OF CAPTURED IMAGE(S) RENDERED WITH INSERTION FIELD(S)
928
FAX, PRINT, AND/OR TRANSMIT TO EMAIL ADDRESS(ES) WITH TEXT MESSAGE AND ATTACHED FILE
930
GO TO 904